

REMARKS

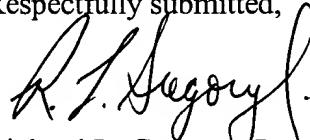
Applicants submit this Supplemental Preliminary Amendment prior to the examination of this application on the merits. Applicants respectfully request the entry of the foregoing amendments prior to examination of the present application.

The Commissioner is authorized to charge any fees which may be required, including petition fees and extension of time fees, to Deposit Account Number 50-0665.

Attached hereto is a marked-up version of the changes made to the claims by this Supplemental Preliminary Amendment. The attached pages are captioned "Version with markings to show changes made."

If in the opinion of the Examiner, a telephone conference would expedite the prosecution of the subject application, the Examiner is encouraged to call Rick Gregory at (650) 838-4408.

Respectfully submitted,



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Application Number 09/835,043

VERSION WITH MARKINGS TO SHOW CHANGES MADE

57. (Amended) A catheter for treating a vascular occlusion, comprising:
an elongated shaft including a proximal section and a distal section, and at least one lumen extending from the proximal section to the distal section;
two spreading members at the distal section of the elongated shaft, wherein each of the spreading members comprises a free distal end that moves laterally away from a longitudinal axis of the elongated shaft to disrupt [an occlusion in peripheral vasculature] the vascular occlusion; and
an actuating assembly positioned along the elongated shaft to move the free distal ends of the two spreading members laterally in response to an actuation force.

70. (Amended) An intravascular tissue expanding catheter, comprising:
a catheter shaft formed of braided material, wherein the catheter shaft comprises at least one conduit extending along a longitudinal axis of the catheter shaft;
a housing formed at a distal end of the catheter shaft, wherein the housing includes two deflecting members that each comprise a free distal tip that moves in a lateral direction away from the longitudinal axis of the catheter shaft to expand intravascular tissue [of peripheral vasculature]; and
an actuation assembly that moves the distal tips of the two deflecting members away from the longitudinal axis of the catheter shaft.

84. (Amended) A catheter for use in [peripheral] vasculature, comprising:
a catheter body comprising at least one conduit extending through the catheter body;
two tissue expanding members coupled to a distal section of the catheter body, wherein each of the two tissue expanding members includes a proximal portion and a distal portion, and wherein the distal portion is free to move away from a longitudinal axis of the catheter body relative to the proximal portion; and

an actuation assembly within the catheter body such that when the actuation assembly contacts the two tissue expanding members, the distal portions of the expanding members move away from the longitudinal axis.